



PATENT



Applicant: **James C. Earthman et al.**

Filed: **April 12, 2004**

Title: **METHODS AND APPARATUS FOR DETECTING AND
QUANTIFYING SURFACE CHARACTERISTICS AND MATERIAL
CONDITIONS USING LIGHT SCATTERING**

Agent's File Reference: **9804-10**

Express Mail Label No.: **EJ567176087US**

UTILITY PATENT APPLICATION TRANSMITTAL

Mailstop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing is a utility patent application as identified above. The application claims priority under 35 U.S.C. 119(e) on United States Provisional Application for Patent Serial No. 60/462,359 filed April 11, 2003. April 11, 2004, which is the day that is twelve months after the filing date of said provisional application, falls on a Sunday, with the next succeeding day being Monday, April 12, 2004, the day on which this application is filed [see 37 C.F.R. § 1.7(b)].

Statement under 37 C.F.R. § 1.27(c): Applicant is a small entity as defined by 37 C.F.R. § 1.27(a).

Enclosed are the following:

- ☒ Specification with claims, totaling 24 pages;
- ☒ Drawings, totaling 11 sheets;
- ☒ Declaration, totaling 3 pages;
- ☒ Certificate of Mailing under 37 C.F.R. § 1.10; and
- ☒ Return Receipt Postcard.

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Respectfully submitted,

Dated: April 12, 2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

I hereby certify that on the date identified below, this paper and each paper listed below are being deposited with the United States Postal Service as with sufficient postage in an envelope addressed to:

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Eric K. Satermo

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Each paper attached or enclosed:

1. UTILITY PATENT APPLICATION TRANSMITTAL;
2. United States Utility Patent Application for METHODS AND APPARATUS FOR DETECTING AND QUANTIFYING SURFACE CHARACTERISTICS AND MATERIAL CONDITIONS USING LIGHT SCATTERING (including 24 pages of Specification, Claims, and Abstract and 11 sheets of drawings); and
3. DECLARATION AND AUTHORIZATION OF AGENT (including 3 pages).